QUARTERLY GROUNDWATER MONITORING

Third Quarter Sampling Results Fort Dix, New Jersey

Prepared for:

U.S. Army Toxic and Hazardous Materials Agency Aberdeen Proving Ground, Maryland 21010 Contract No. DAAA15-88-D-0008

DAMES & MOORE

7101 Wisconsin Avenue, Suite 700, Bethesda, Maryland 20814

February 1, 1991

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February 1, 1991

Mr. Jim McKenna
Alternate Contracting Officer's
Representative
Department of the Army, USATHAMA
Aberdeen Proving Ground, Maryland 21010

Re: Quarterly Groundwater Monitoring,

Third Quarter Sampling Results,

Fort Dix, New Jersey

Contract No. DAAA15-88-D0008

Dear Mr. McKenna:

In fulfillment of the reporting requirements of the above-referenced contract, we are presenting the third quarter results of the Quarterly Groundwater Monitoring Program for the Fort Dix Sanitary Landfill (Site 7).

As you know, ten wells were selected for continued monitoring based on the first quarter sampling results. These ten wells and some related data are listed in Table 1; their locations are shown in Figure 1.

The wells were purged and sampled between September 19 and September 21, 1990, in accordance with procedures specified in the Draft Sampling and Analysis Plan (SAP), Fort Dix Follow-on Remedial Investigation/Feasibility Study, prepared by Dames & Moore. The sample containers were labeled, packed on ice in coolers, and shipped overnight with completed chain-of-custody forms to ESE for chemical analysis.

The samples were analyzed for VOCs and for total priority pollutant metals and iron. The analytical results are presented in Tables 2 and 3. Table 2 shows only the results for analyte concentrations above detection limits while Table 3 presents all analytical data.

While an evaluation of the analytical results is outside the scope of this letter report, it is noted that the concentration (0.87 ug/L) of trichloroethylene (TRCLE) in well CDM-6 is lower than the second quarter (2.48 ug/L), first quarter (2.10 ug/L), and the 1988 Phase I RI (1.52 ug/L) results. Also as in the first and second quarters, and in 1988, TRCLE concentrations in the other wells (CDM-11, -12, and -13), screened in the Vincentown Formation, were below the detection limit of 0.500 ug/L.

Mr. Jim McKenna February 1, 1991 Page 2

The fourth, and final, quarter sampling was completed in December 1990. We expect ESE to forward the results to PRI later in February.

If you have any questions regarding this letter report, please contact me.

Sincerely,

DAMES & MOORE

Mensa Nunyuie, P.E.C Senior Engineer

Attachment

MN:tjv

TABLE 1
Wells Sampled During Third Quarter Sampling
Fort Dix Sanitary Landfill
Fort Dix, New Jersey

Well ID	Well Depth (feet) (a)	Depth to Groundwater (feet) (a)	Groundwater Elevation (feet MSL)	Date of Water Level Measurement
MW-1	35.04	16.46	84.81	9/20/90
MW-2	38.23	22.26	82.69	9/20/90
LF~5	44.59	26.73	82.16	9/20/90
WES-11	23.30	13.11	81.58	9/20/90
CDM-3	65.57	39.50	117.99	9/20/90
CDM-6	95.54	6.49	69.28	9/21/90
CDM-10	70.63	18.36	74.07	9/21/90
CDM-11	100.29	27.70	78.10	9/19/90
CDM-12	123.32	47.11	91.93	9/19/90
CDM-13	107.09	21.70	80.93	9/20/90

⁽a) Measured from the top of the well casing.

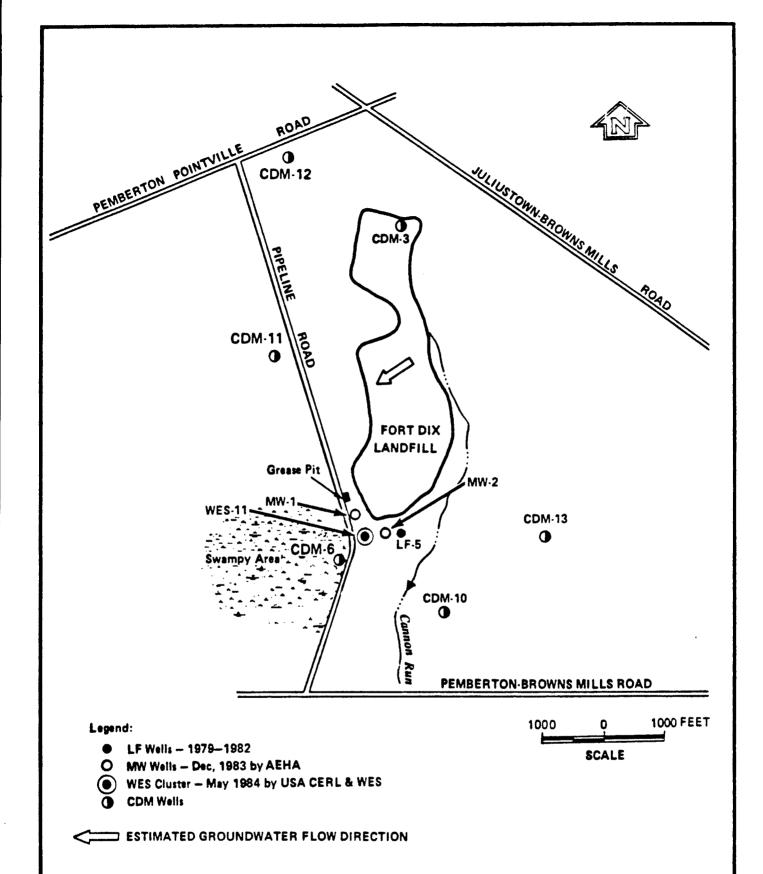


FIGURE 1
FORT DIX SANITARY LANDFILL, SITE 7
QUARTERLY SAMPLING LOCATIONS

Dames & Moore

TABLE 2

Analytical Results - Third Quarter Sampling
Quarterly Groundwater Monitoring
Fort Dix, New Jersey
(Analytes Present Above Detection Limits)

CHEMICAL REPORT
Installation: Fort Dix (DX)

Media File Code: CGW Sampling Date Range: 01-sep-90 to 12-31-90

* Non-detected Compounds NOT Included *

		Method			Meas.		
Site Type	Site ID	Code	Test Name	Sample Date	Bool.	Value	Unit Meas.
WELL	CDM-10	SD20	РВ	21-sep- 1990		5.530	UGL
WELL	CDM-11	SD20	PB	20-sep-1990		2.390	UGL
WELL	CDM-12	UM20	MEC6H5	19-sep-1990		12.700	UGL
WELL	CDM-13	SD20	РВ	20-sep-1990		2.600	UGL
WELL	CDM-6	UM20	TRCLE	21-sep-1990		0.867	UGL
WELL	LF-5	UM20	11DCLE	20-sep-1990		6.100	UGL
		UM20	UNK014	20-sep-1990		60.000	UGL
WELL	MW-1	UM20	11DCLE	20-sep-1990		1.220	UGL
		UM20	12DCLE	20-sep-1990		1.710	UGL
		UM20	C2H5CL	20-sep-1990		4.490	UGL
		UM20	C6H6	20-sep-1990		5.640	UGL
		UM20	C6H6	20-sep-1990		9.900	UGL
		UM20	ETC6H5	20-sep-1990		3.900	UGL
		UM20	ETC6H5	20-sep-1990		4.760	UGL
		UM20	UNKO14	20-sep-1990		10.000	UGL
		UM20	UNK014	20-sep-1990		20.000	UGL
		UM20	UNK133	20-sep-1990		6.000	UGL
WELL	MW-2	SD22	AS	20-sep-1990		6.930	UGL
		UM20	ETC6H5	20-sep-1990		19.000	UGL
		UM20	UNK014	20-sep-1990		200.000	UGL

^{**} End of Report - 20 Records Found **

TABLE 3

Analytical Results - Third Quarter Sampling Quarterly Groundwater Monitoring Fort Dix, New Jersey (All Analytical Data)

Media File Code: CGW Sampling Date Range: 01-aug-90 to 31-dec-90

* Non-detected Compounds Included *

		Method			Meas.		
Site Type	Site ID	Code	Test Name	Sample Date	Bool.	Value	Unit Meas.
WELL	CDM-10	SB01	HG	21-sep-1990	LT	0.243	UGL
		SD09	TL	21-sep-1990	LT	6.990	UGL
		SD20	РВ	21-sep-1990		5.530	UGL
		SD21	SE	21-sep-1990	LT	3.020	UGL
		SD22	AS	21-sep-1990	LT	2.540	UGL
		UM20	111TCE	21-sep-1990	LT	0.500	UGL
		UM20	112TCE	21-sep-1990	LT	1.200	UGL
		UM20	11DCE	21-sep-1990	LT	0.500	UGL
		UM20	11DCLE	21-sep-1990	LT	0.680	UGL
		UM20	12DCE	21-sep-1990	LT	0.500	UGL
		UM20	12DCLE	21-sep-1990	LT	0.500	UGL
		UM20	12DCLP	21-sep-1990	LT	0.500	UGL
		UM20	2CLEVE	21-sep-1990	LT	0.710	UGL
		UM20	ACET	21-sep-1990	LT	13.000	UGL
		UM20	ACROLN	21-sep-1990	ND	100.000	UGL
		UM20	ACRYLO	21-sep-1990	ND	100.000	UGL
		UM20	BRDCLM	21-sep-1990	LT	0.590	UGL
		UM20	C13DCP	21-sep-1990	LT	0.580	UGL
		UM20	C2AVE	21-sep-1990	LT	8.300	UGL
		UM20	C2H3CL	21-sep-1990	LT	2.600	UGL
		UM20	C2H5CL	21-sep-1990	LT	1.900	UGL
		UM20	C6H6	21-sep-1990	LT	0.500	UGL
		UM20	CCL3F	21-sep-1990	LT	1.400	UGL
		UM20	CCL4	21-sep-1990	LT	0.580	UGL
	•	UM20	CH2CL2	21-sep-1990	LT	2.300	UGL
,		UM20	CH3BR	21-sep-1990	LT	5.800	UGL
		UM20	CH3CL	21-sep-1990	LT	3.200	UGL
		UM20	CHBR3	21-sep-1990	LT	2.600	UGL
		UM20	CHCL3	21-sep-1990	LT	0.500	UGL
		UM20	CL2BZ	21-sep-1990	ND	10.000	UGL
		UM20	CLC6H5	21-sep-1990	LT	0.500	UGL
		UM20	CS2	21-sep-1990	ŁT	0.500	UGL
		UM20	DBRCLM	21-sep-1990	LT	0.670	UGL
		UM20	ETC6H5	21-sep-1990	LT	0.500	UGL
		UM20	MEC6H5	21-sep-1990	LT	0.500	UGL
		UM20	MEK	21-sep-1990	LT	6.400	UGL
		UM20	MIBK	21-sep-1990	LT	3.000	UGL
		UM20	MNBK	21-sep-1990	LT	3.600	UGL
		UM20	STYR	21-sep-1990	LT	0.500	UGL
		UM20	T13DCP	21-sep-1990	LT	0.700	UGL
		UM20	TCLEA	21-sep-1990	LT	0.510	UGL
		UH20	TCLEE	21-sep-1990	LT	1.600	UGL
		UM20	TRCLE	21-sep-1990	LT	0.500	UGL
		UM20	XYLEN	21-sep-1990	ŁT	0.840	UGL

Media File Code: CGW Sampling Date Range: 01-aug-90 to 31-dec-90

Meas. Method Unit Meas. Bool. Value Sample Date Test Name Site ID Code Site Type UGL 0.243 LT 20-sep-1990 WELL **CDM-11 SB01** HG 6.990 UGL LT 20-sep-1990 **SD09** TL 2.390 UGL 20-sep-1990 SD20 PB 3.020 UGL LT 20-sep-1990 SD21 SE UGL 2.540 20-sep-1990 LT **SD22** AS 0.500 UGL LT **UM20** 111TCE 20-sep-1990 UGL 1.200 **UM20** 112TCE 20-sep-1990 LT 0.500 UGL 20-sep-1990 LT 11DCE **UM20** UGL 0.680 20-sep-1990 LT 11DCLE **UM20** 0.500 UGL LT **UM20** 12DCE 20-sep-1990 UGL 0.500 12DCLE 20-sep-1990 LT **UM20** UGL 0.500 12DCLP 20-sep-1990 LT **UM20** UGL LT 0.710 20-sep-1990 **2CLEVE UM20** LT 13.000 UGL 20-sep-1990 **UM20 ACET** 100.000 UGL ACROLN 20-sep-1990 ND **UM20** 100.000 UGL 20-sep-1990 ND **UM20 ACRYLO** UGL 0.590 20-sep-1990 LT BRDCLM **UM20** 0.580 UGL 20-sep-1990 LT **UM20** C13DCP 8.300 UGL LT 20-sep-1990 **UM20** C2AVE UGL 20-sep-1990 LT 2.600 C2H3CL **UN20** UGL LT 1.900 20-sep-1990 UM20 C2H5CL 20-sep-1990 LT 0.500 UGL **UM20 C6H6** UGL LT 1.400 20-sep-1990 UM20 CCL3F LT 0.580 UGL 20-sep-1990 **UM20** CCL4 UGL 20-sep-1990 LT 2.300 CH2CL2 **UM20** 5.800 UGL 20-sep-1990 LT **UM20** CH3BR LT 3.200 UGL 20-sep-1990 UN20 CH3CL 2.600 UGL LT 20-sep-1990 **UM20** CHBR3 0.500 UGL 20-sep-1990 LT CHCL3 **UM20** UGL 20-sep-1990 ND 10.000 CL2BZ **UM20** 0.500 UGL LT **UM20** CLC6H5 20-sep-1990 0.500 UGL LT 20-sep-1990 **UM20** CS2 0.670 UGL 20-sep-1990 LT DBRCLM UM20 UGL 0.500 20-sep-1990 LT UM20 ETC6H5 0.500 UGL 20-sep-1990 LT **UM20** MEC6H5 UGL 6.400 20-sep-1990 LT **UM20** MEK UGL 3.000 20-sep-1990 LT **UM20** MIBK UGL 3.600 LT 20-sep-1990 MNBK **UM20** 0.500 UGL LT 20-sep-1990 **UM20** STYR 0.700 UGL LT **UM20** T13DCP 20-sep-1990 UGL 0.510 20-sep-1990 LT **TCLEA UM20** 1.600 UGL 20-sep-1990 LT **UM20 TCLEE** 0.500 UGL 20-sep-1990 LT **UM20** TRCLE

UM20

XYLEN

20-sep-1990

LT

0.840

UGL

CHEMICAL REPORT
Installation: Fort Dix (DX)

		Method			Meas.			
Site Type	Site ID	Code	Test Name	Sample Date	Bool.	Value	Unit Meas.	
WELL	CDM-12	\$801	HG	19-sep-1990	LT	0.243	UGL	
		SD09	TL	19-sep-1990	LT	6.990	UGL	
		SD20	РВ	19-sep-1990	LT	1.260	UGL	
		SD21	SE	19-sep-1990	LT	3.020	UGL	
		SD22	AS	19-sep-1990	LŤ	2.540	UGL	
		UM20	111TCE	19-sep-1990	LT	0.500	UGL	
		UM20	1111CE	19-sep-1990	LT	1.200	UGL	
		UM20	11DCE	19-sep-1990	LT	0.500	UGL	
		UM20	11DCLE	19-sep-1990	LT	0.680	UGL	
		UM20	12DCE	19-sep-1990	LT	0.500	UGL	
			12DCLE	19-sep-1990	LT	0.500	UGL	
		UM20		19-sep-1990	LT	0.500	UGL	
		UM20	12DCLP	19-sep-1990	LT	0.710	UGL	
		UM20	2CLEVE	19-sep-1990	LT	13.000	UGL	
		UM20	ACET	19-sep-1990	ND	100.000	UGL	
		UM20	ACROLN	19-sep-1990 19-sep-1990	ND	100.000	UGL	
		UM20	ACRYLO		LT	0.590	UGL	
		UM20	BRDCLM	19-sep-1990	LT	0.580	UGL	
		UM20	C13DCP	19-sep-1990	LT	8.300	UGL	
4(h		UM20	C2AVE	19-sep-1990	LT	2.600	UGL	
		UM20	C2H3CL	19-sep-1990	LT	1.900	UGL	
		UM20	C2H5CL	19-sep-1990	LT	0.500	UGL	
		UM20	C6H6	19-sep-1990	LT	1.400	UGL	
		UM20	CCL3F	19-sep-1990		0.580	UGL	
		UM20	CCL4	19-sep-1990	LT	2.300	UGL	
		UM20	CH2CL2	19-sep-1990	LT		UGL	
		UM20	CH3BR	19-sep-1990	LT	5.800		
		UM20	CH3CL	19-sep-1990	LT	3.200	UGL	
		UM20	CHBR3	19-sep-1990	LT	2.600	UGL	
		UM20	CHCL3	19-sep-1990	LT	0.500	UGL	
		UM20	CL2BZ	19-sep-1990	ND	10.000	UGL	
		UH20	CLC6H5	19-sep-1990	LT	0.500	UGL	
		UM20	CS2	19-sep-1990	LT	0.500	UGL	
		UM20	DBRCLM	19-sep-1990	LT	0.670	UGL	
		UM20	ETC6H5	19-sep-1990	LT	0.500	UGL	
		UM20	MEC6H5	19-sep-1990		12.700	UGL	
		UM20	MEK	19-sep-1990	LT	6.400	UGL	
		UM20	MIBK	19-sep-1990	LT	3.000	UGL	
		UM20	MNBK	19-sep-1990	LT	3.600	UGL	
		UM2 0	STYR	19-sep-1990	LT	0.500	UGL	
		UM20	T13DCP	19-sep-1990	LT	0.700	UGL	
		UM20	TCLEA	19-sep-1990	LT	0.510	UGL	
		UM20	TCLEE	19-sep-1990	LT	1.600	UGL	
		UM20	TRCLE	19-sep-1990	LT	0.500	UGL	
		UM20	XYLEN	19-sep-1990	LT	0.840	UGL	
WELL	CDM-13	SB01	HG	20-sep-1990	LT	0.243	UGL	

		Method			Meas.		
Site Type	Site ID	Code	Test Name	Sample Date	Bool.	Value	Unit Meas.
WELL	CDM-13	SD09	TL	20-sep-1990	LT	6.990	UGL
		S D20	PB	20-sep-1990		2.600	UGL
		SD21	SE	20-sep-1990	LT	3.020	UGL
		\$ 022	AS	20-sep-1990	LT	2.540	UGL
,		UM20	111TCE	20-sep-1990	LT	0.500	UGL
		UM20	112TCE	20-sep-1990	LT	1.200	UGL
		UM20	11DCE	20-sep-1990	LT	0.500	UGL
		UM20	11DCLE	20-sep-1990	LT	0.680	UGL
		UM20	12DCE	20-sep-1990	LT	0.500	UGL
		UM20	12DCLE	20-sep-1990	LT	0.500	UGL
		UM20	12DCLP	20-sep-1990	LT	0.500	UGL
		UM20	2CLEVE	20-sep-1990	LT	0.710	UGL
		UM20	ACET	20-sep-1990	LT	13.000	UGL
		UM20	ACROLN	20-sep-1990	ND	100.000	UGL
		UM20	ACRYLO	20-sep-1990	ND	100.000	UGL
		UM20	BRDCLM	20-sep-1990	LT	0.590	UGL
		UM20	C13DCP	20-sep-1990	LT	0.580	UGL
		UM20	C2AVE	20-sep-1990	LT	8.300	UGL
		UM20	C2H3CL	20-sep-1990	LT	2.600	UGL
		UM20	C2H5CL	20-sep-1990	LT	1.900	UGL.
		UM20	C6H6	20-sep-1990	LT	0.500	UGL
		UH20	CCL3F	20-sep-1990	LT	1.400	UGL
		UM20	CCL4	20-sep-1990	LT	0.580	UGL
		UM20	CH2CL2	20-sep-1990	LT	2.300	UGL
		UM20	CH3BR	20-sep-1990	LT	5.800	UGL
				20-sep-1990	LT	3.200	UGL
		UM20	CH3CL	•	LT	2.600	UGL
		UM20	CHBR3	20-sep-1990		0.500	UGL
		UM20	CHCL3	20-sep-1990	LT	10.000	UGL
		UM20	CL2BZ	20-sep-1990	ND	0.500	UGL
		UM20	CLC6H5	20-sep-1990	LT	0.500	UGL
		UM20	CS2	20-sep-1990	LT		
		UM20	DBRCLM	20-sep-1990	LT	0.670	UGL
		UM20	ETC6H5	20-sep-1990	LT	0.500	UGL
		UM20	MEC6H5	20-sep-1990	LT	0.500	UGL
		UM20	MEK	20-sep-1990	LT	6.400	UGL
		UM20	MIBK	20-sep-1990	LT	3.000	UGL
		UM20	MNBK	20-sep-1990	LT	3.600	UGL
		UM20	STYR	20-sep-1990	LT	0.500	UGL
		UM20	T13DCP	20-sep-1990	LT	0.700	UGL
		UM20	TCLEA	20-sep-1990	LT	0.510	UGL
		UM20	TCLEE	20-sep-1990	LT	1.600	UGL
		UM20	TRCLE	20-sep-1990	LT	0.500	UGL
		UM20	XYLEN	20-sep-1990	ŁT	0.840	UGL
WELL	CDM-3	SB01	HG	20-sep-1990	LT	0.243	UGL

CHEMICAL REPORT
Installation: Fort Dix (DX)

1		Method			Meas.		
Site Type	Site ID	Code	Test Name	Sample Date	Bool.	Value	Unit Meas.
WELL	CDM-3	SD09	TL	20-sep-1990	LT	6.990	UGL
		SD20	PB	20-sep-1990	LŤ	1.260	UGL
		SD21	SE	20-sep-1990	LT	3.020	UGL
		SD22	AS	20-sep-1990	LŤ	2.540	UGL
		UM20	111TCE	20-sep-1990	LT	0.500	UGL
		UM20	112TCE	20-sep-1990	LT	1.200	UGL
		UM20	11DCE	20-sep-1990	LT	0.500	UGL
		UM20	11DCLE	20-sep-1990	LT	0.680	UGL
		UM20	12DCE	20-sep-1990	LT	0.500	UGL
		UM20	12DCLE	20-sep-1990	LT	0.500	UGL
		UM20	12DCLP	20-sep-1990	LT	0.500	UGL
		UM20	2CLEVE	20-sep-1990	LT	0.710	UGL
		UM20	ACET	20-sep-1990	LT	13.000	UGL
		UM20	ACROLN	20-sep-1990	ND	100.000	UGL
		UM20	ACRYLO	20-sep-1990	ND	100.000	UGL
		UM20	BRDCLM	20-sep-1990	LT	0.590	UGL
		UM20	C13DCP	20-sep-1990	LT	0.580	UGL
		UM20	C2AVE	20-sep-1990	LT	8.300	UGL
		UM 20	C2H3CL	20-sep-1990	LT	2.600	UGL
		UM20	C2H5CL	20-sep-1990	LT	1.900	UGL
		UM20	C6H6	20-sep-1990	LT	0.500	UGL
		UM20	CCL3F	20-sep-1990	LT	1.400	UGL
		UM20	CCL4	20-sep-1990	LT	0.580	UGL
		UM20	CH2CL2	20-sep-1990	LT	2.300	UGL
		UM20	CH3BR	20-sep-1990	LT	5.800	UGL
		UM20	CH3CL	20-sep-1990	LT	3.200	UGL
		UM20	CHBR3	20-sep-1990	ŁT	2.600	UGL
		UH20	CHCL3	20-sep-1990	LT	0.500 10.000	UGL UGL
		UM20	CL2BZ	20-sep-1990	ND	0.500	UGL
		UM20	CLC6H5	20-sep-1990	LT	0.500	UGL
		UM20	cs2	20-sep-1990	LT LT	0.670	UGL
		UM20	DBRCLM	20-sep-1990		0.500	UGL
		UM20	ETC6H5	20-sep-1990	LT LT	0.500	UGL
		UM20	MEC6H5	20-sep-1990 20-sep-1990	LT	6.400	UGL
		UM20	MEK	20-sep-1990 20-sep-1990	LT	3.000	UGL
		UM20 UM20	MIBK	20-sep-1990	LT	3.600	UGL
			MNBK	20-sep-1990	LT	0.500	UGL
		UM20	STYR	20-sep-1990	LT	0.700	UGL
		UM20 UM20	T13DCP TCLEA	20-sep-1990 20-sep-1990	LT	0.510	UGL
				20-sep-1990 20-sep-1990	LT	1.600	UGL
		UM20 UM20	TCLEE	20-sep-1990 20-sep-1990	LT	0.500	UGL
		UM20	TRCLE Xylen	20-sep-1990	LT	0.840	UGL
				•			
WELL	CDM-6	SB01	HG	21-sep-1990	LT	0.243	UGL
		SD09	TL	21-sep-1990	LT	6.990	UGL

		Method			Meas.		
Site Type	Site ID	Code	Test Name	Sample Date	Bool.	Value	Unit Meas.
WELL	CDM-6	SD20	РВ	21-sep-1990	LT	1.260	UGL
		s021	SE	21-sep-1990	LT	3.020	UGL
		SD22	AS	21-sep-1990	LT	2.540	UGL
		18420	111TCE	21-sep-1990	LT	0.500	UGL
		UM20 UM20	112TCE	21-sep-1990	LT	1.200	UGL
	•	UM20	11DCE	21-sep-1990	LT	0.500	UGL
		UM20	11DCLE	21-sep-1990	LT	0.680	UGL
		UM20	12DCE	21-sep-1990	LT	0.500	UGL
		UM20	12DCLE	21-sep-1990	LT	0.500	UGL
		UM20	12DCLP	21-sep-1990	LT	0.500	UGL
		UM20	2CLEVE	21-sep-1990	LT	0.710	UGL
		UM20	ACET	21-sep-1990	LT	13.000	UGL
		UM20	ACROLN	21-sep-1990	ND	100.000	UGL
		UH20	ACRYLO	21-sep-1990	ND	100.000	UGL
		UM20	BRDCLM	21-sep-1990	LT	0.590	UGL
		UM20	C13DCP	21-sep-1990	LT	0.580	UGL
		UM20	C2AVE	21-sep-1990	LT	8.300	UGL
		UH20	C2H3CL	21-sep-1990	LT	2.600	UGL
		UM20	C2H5CL	21-sep-1990	LT	1.900	UGL
		UM20	C6H6	21-sep-1990	LT	0.500	UGL
		UH20	CCL3F	21-sep-1990	LT	1.400	UGL
		UM20	CCL4	21-sep-1990	LT	0.580	UGL
		UM20	CH2CL2	21-sep-1990	LT	2.300	UGL
		UM20	CH3BR	21-sep-1990	LT	5.800	UGL
		UM20	CH3CL	21-sep-1990	LT	3.200	UGL
		UM20	CHBR3	21-sep-1990	LT	2.600	UGL
		UM20	CHCL3	21-sep-1990	LT	0.500	UGL
		UM20	CL2BZ	21-sep-1990	ND	10.000	UGL
		UM20	CLC6H5	21-sep-1990	LT	0.500	UGL
		UM20	CS2	21-sep-1990	LT	0.500	UGL
		UM20	DBRCLM	21-sep-1990	LT	0.670	UGL
		UM20	ETC6H5	21-sep-1990	LT	0.500	UGL
		UM20	MEC6H5	21-sep-1990	LT	0.500	UGL
		UM20	MEK	21-sep-1990	LT	6.400	UGL UGL
		UM20	MIBK	21-sep-1990	LT	3.000 3.6 00	UGL
		UM20	MNBK	21-sep-1990	LT		UGL
		UM20	STYR	21-sep-1990	LT	0.500	UGL
		UM20	T13DCP	21-sep-1990	LT	0.700 0.510	UGL
		UM20	TCLEA	21-sep-1990	LT	0.510	UGL
		UM20	TCLEE	21-sep-1990	LT	1.600	UGL
		UM20	TRCLE	21-sep-1990		0.867	UGL
		UH20	XYLEN	21-sep-1990	LT	0.840	
WELL	LF-5	SB01	HG	20-sep-1990	LT	0.243	UGL
		SD09	TL	20-sep-1990	LT	6.990	UGL

		Method			Meas.		
Site Type	Site ID	Code	Test Name	Sample Date	Bool.	Value	Unit Meas.
WELL	LF-5	SD20	PB	20-sep-1990	LT	1.260	UGL
		SD21	SE	20-sep-1990	LT	3.020	UCL
		SD22	AS	20-sep-1990	LT	2.540	UGL
		UM20	111TCE	20-sep-1990	LT	0.500	UGL
		UM20	112TCE	20-sep-1990	LT	1.200	UGL
·		UM20	11DCE	20-sep-1990	LT	0.500	UGL
		UM20	11DCLE	20-sep-1990		6.100	UGL
		UM20	12DCE	20-sep-1990	LT	0.500	UGL
		UM20	12DCLE	20-sep-1990	ŁT	0.500	UGL
		UM20	12DCLP	20-sep-1990	LT	0.500	UGL
		UM20	2CLEVE	20-sep-1990	LT	0.710	UGL
		UM20	ACET	20-sep-1990	LŤ	13.000	UGL
		UM20	ACROLN	20-sep-1990	ND	100.000	UGL
		UM20	ACRYLO	20-sep-1990	ND	100.000	UGL
		UM20	BRDCLM	20-sep-1990	LT	0.590	UGL
		UM20	C13DCP	20-sep-1990	LT	0.580	UGL
		UM20	C2AVE	20-sep-1990	LT	8.300	UGL
		UM20	C2H3CL	20-sep-1990	LT	2.600	UGL
		UM20	C2H5CL	20-sep-1990	LT	1.900	UGL
		UM20	C6H6	20-sep-1990	LT	0.500	UGL
		UM 20	CCL3F	20-sep-1990	LT	1.400	UGL
		UM20	CCL4	20-sep-1990	LT	0.580	UGL
		UM20	CH2CL2	20-sep-1990	ŁT	2.300	UGL
		UM20	CH3BR	20-sep-1990	LT	5.800	UGL
		UM20	CH3CL	20-sep-1990	LT	3.200	UGL
		UM20	CHBR3	20-sep-1990	LT	2.600	UGL
		UM20	CHCL3	20-sep-1990	L T	0.500	UGL
		UM20	CL2BZ	20-sep-1990	ND	10.000	UGL
		UM20	CLC6H5	20-sep-1990	LT ,	0.500	UGL
		UM20	C\$2	20-sep-1990	LT	0.500	UGL
		UM20	DBRCLM	20-sep-1990	LT	0.670	UGL
		UM20	ETC6H5	20-sep-1990	LT	0.500	UGL
		UM20	MEC6H5	20-sep-1990	LT	0.500	UGL
		UM20	MEK	20-sep-1990	LT	6.400	UGL
		UM20	MIBK	20-sep-1990	LT	3.000	UGL
		UM20	MNBK	20-sep-1990	· LT	3.600	UGL
		UM20	STYR	20-sep-1990	LT	0.500	UGL
		UM20	T13DCP	20-sep-1990	LT	0.700	UGL
		UM20	TCLEA	20-sep-1990	LT	0.510	UGL
		UM20	TCLEE	20-sep-1990	LT	1.600	UGL
		UM20	TRCLE	20-sep-1990	LT	0.500	UGL
		UM20	UNK014	20-sep-1990		60.000	UGL
		UM20	XYLEN	20-sep-1990	LT	0.840	UGL
WELL	MW-1	SB01	нд	20-sep-1990	LT	0.243	UGL
		SD09	TL	20-sep-1990	LT	6.990	UGL

CHEMICAL REPORT
Installation: Fort Dix (DX)

		Method			Meas.		
Site Type	Site ID	Code	Test Name	Sample Date	Bool.	Value	Unit Meas.
WELL	MW-1	\$D20	РВ	20-sep-1990	LT	1.260	UGL
		SD21	SE	20-sep-1990	LT	3.020	UGL
		SD22	AS	20-sep-1990	LT	2.540	UGL
		UM20	111TCE	20-sep-1990	LT	0.500	UGL
		UM20	111TCE	20-sep-1990	LT	2.500	UGL
		UM20	112TCE	20-sep-1990	LT	1.200	UGL
		UM20	112TCE	20-sep-1990	LT	6.000	UGL
		UM20	11DCE	20-sep-1990	LT	0.500	UGL
		UM20	11DCE	20-sep-1990	LT	2.500	UGL
		UM20	11DCLE	20-sep-1990		1.220	UGL
		UM20	11DCLE	20-sep-1990	LT	3.400	UGL
		UM20	12DCE	20-sep-1990	LT	0.500	UGL
		UM20	12DCE	20-sep-1990	LT	2.500	UGL
		UM20	12DCLE	20-sep-1990		1.710	UGL
		UM20	12DCLE	20-sep-1990	LT	2.500	UGL
		UM20	12DCLP	20-sep-1990	LT	0.500	UGL
		UM20	12DCLP	20-sep-1990	LT	2.500	UGL
		UM20	2CLEVE	20-sep-1990	LT	0.710	UGL
		UM20	2CLEVE	20-sep-1990	LT	3.550	UGL
		UM20	ACET	20-sep-1990	LT	13.000	UGL
		UM20	ACET	20-sep-1990	LT	65.000	UGL
		UM20	ACROLN	20-sep-1990	ND	100.000	UGL
		UM20	ACROLN	20-sep-1990	ND	500.000	UGL
		UM20	ACRYLO	20-sep-1990	ND	100.000	UGL
		UM20	ACRYLO	20-sep-1990	ND	500.000	UGL
		UM20	BRDCLM	20-sep-1990	LT	0.590	UGL
		UM20	BRDCLM	20-sep-1990	LT	2.950	UGL
		UM20	C13DCP	20-sep-1990	LT	0.580	UGL
		UM20	C13DCP	20-sep-1990	LT	2.900	UGL
		UM20	C2AVE	20-sep-1990	LT	8.300	UGL
		UM20	C2AVE	20-sep-1990	LT	41.500	UGL
		UM20	C2H3CL	20-sep-1990	LT	2.600	UGL
		UM20	C2H3CL	20-sep-1990	LT	13.000	UGL
		UM20	C2H5CL	20-sep-1990		4.490	UGL
		UM20	C2H5CL	20-sep-1990	LT	9.500	UGL
		UM20	C6H6	20-sep-1990		5.640	UGL
		UM20	C6H6	20-sep-1990		9.900	UGL
		UM20	CCL3F	20-sep-1990	LT	1.400	UGL
		UM20	CCL3F	20-sep-1990	LT	7.000	UGL
		UM20	CCL4	20-sep-1990	ŁT	0.580	UGL
		UM20	CCL4	20-sep-1990	LT	2.900	UGL
		UM20	CH2CL2	20-sep-1990	LT	2.300	UGL
		UM20	CH2CL2	20-sep-1990	LT	11.500	UGL
		UM20	CH3BR	20-sep-1990	LT	5.800	UGL
		UM20	CH3BR	20-sep-1990	LT	29.000	UGL
		UM20	CH3CL	20-sep-1990	LT	3.200	UGL
		UM20	CH3CL	20-sep-1990	LT	16.000	UGL
		UM20		20-sep-1990	LT	2.600	UGL

CHEMICAL REPORT
Installation: Fort Dix (DX)

		Method			Heas.		
Site Type	Site ID	Code	Test Name	Sample Date	Bool.	Value	Unit Meas
WELL	MW-1	UM20	CHBR3	20-sep-1990	LT	13.000	UGL
		UM20	CHCL3	20-sep-1990	LT	0.500	UGL
		UM20	CHCL3	20-sep-1990	LT	2.500	UGL
		UM20	CL2BZ	20-sep-1990	ND	10.000	UGL
		UM20	CL2BZ	20-sep-1990	ND	50.000	UGL
		UM20	CLC6H5	20-sep-1990	LT	0.500	UGL
		UM20	CLC6H5	20-sep-1990	LT	2,500	UGL
		UM20	CS2	20-sep-1990	LT	0,500	UGL
		UM20	CS2	20-sep-1990	LT	2.500	UGL
		UM20	DBRCLM	20-sep-1990	LT	0,670	UGL
		UM20	DBRCLM	20-sep-1990	LT	3.350	UGL
		UM20	ETC6H5	20-sep-1990		3,900	UGL
		UM20	ETC6H5	20-sep-1990		4.760	UGL
		UM20	MEC6H5	20-sep-1990	LT	0.500	UGL
		UM20	MEC6H5	20-sep-1990	LT	2.500	UGL
		UM20	MEK	20-sep-1990	LT	6.400	UGL
		UH20	MEK	20-sep-1990	LT	32.000	UGL
		UM20	MIBK	20-sep-1990	LT	3.000	UGL
		UM20	MIBK	20-sep-1990	LT	15,000	UGL
		UM20	MNBK	20-sep-1990	LT	3.600	UGL
		UM20	MNBK	20-sep-1990	LT	18.000	UGL
		UM20	STYR	20-sep-1990	LT	0.500	UGL
		UM20	STYR	20-sep-1990	LT	2.500	UGL
		UM20	T13DCP	20-sep-1990	LT	0.700	UGL
		UM20	T13DCP	20-sep-1990	LT	3.500	UGL
		UM20	TCLEA	20-sep-1990	LT	0.510	UGL
		UM20	TCLEA	20-sep-1990	LT	2.550	UGL
		UM20	TCLEE	20-sep-1990	LT	1.600	UGL
		UM20	TCLEE	20-sep-1990	LT	8.000	UGL
		UM20	TRCLE	20-sep-1990	LT	0.500	UGL
		UM20	TRCLE	20-sep-1990	LT	2,500	UGL
		UM20	UNK014	20-sep-1990		10.000	UGL
		UM20	UNK014	20-sep-1990		20.000	UGL
		UM20	UNK133	20-sep-1990		6.000	UGL
		UH20	XYLEN	20-sep-1990	LT	0.840	UGL
		UM20	XYLEN	20-sep-1990	LT	4.200	UGL
WELL	MW-2	SB01	HG	20-sep-1990	LT	0.243	UGL
		SD09	TL	20-sep-1990	LT	6.990	UGL
		SD20	РВ	20-sep-1990	LT	1.260	UGL
		SD21	SE	20-sep-1990	LT	3.020	UGL
		SD22	AS	20-sep-1990		6.930	UGL
		UM20	111TCE	20-sep-1990	LT	5.000	UGL
		UM20	112TCE	20-sep-1990	LT	12.000	UGL
		UM20	11DCE	20-sep-1990	LT	5.000	UGL
		UM20	11DCLE	20-sep-1990	LT	6.800	UGL

		Method			Meas.		
Site Type	Site ID	Code	Test Name	Sample Date	Bool.	Value	Unit Meas.
WELL	MW-2	UM20	12DCE	20-sep-1990	LT	5.000	UGL
		UM20	12DCLE	20-sep-1990	LT	5.000	UGL
		UM20	12DCLP	'20-sep-1990	LT	5.000	UGL
		UM20	2CLEVE	20-sep-1990	LT	7.100	UGL
		UM20	. ACET	20-sep-1990	LT	130.000	UGL
		UM20	ACROLN	20-sep-1990	ND	1000.000	UGL
		UM20	ACRYLO	20-sep-1990	ND	1000.000	UGL
		UM20	BRDCLM	20-sep-1990	LT	5.900	UGL
		UM20	C13DCP	20-sep-1990	LT	5.800	UGL
		UM20	C2AVE	20-sep-1990	LT	83.000	UGL
		UH20	C2H3CL	20-sep-1990	LT	26.000	UGL
		UM20	C2H5CL	20-sep-1990	LT	19.000	UGL
		UM20	C6H6	20-sep-1990	LT	5.000	UGL
		UM20	CCL3F	20-sep-1990	LT	14.000	UGL
		UM20	CCL4	20-sep-1990	LT	5.800	UGL
		UM20	CH2CL2	20-sep-1990	LT	23.000	UGL
		UM20	CH3BR	20-sep-1990	LT	58.000	UGL
		UM20	CH3CL	20-sep-1990	ŁТ	32.000	UGL
		UM20	CHBR3	20-sep-1990	LT	26.000	UGL
		UM20	CHCL3	20-sep-1990	LT	5.000	UGL
		UM20	CL2BZ	20-sep-1990	ND	100.000	UGL
		UM20	CLC6H5	20-sep-1990	LT	5.000	UGL
		UM20	CS2	20-sep-1990	LT	5.000	UGL
		UM20	DBRCLM	20-sep-1990	LT	6.700	UGL
		UM20	ETC6H5	20-sep-1990		19.000	UGL
		UM20	MEC6H5	20-sep-1990	LT	5.000	UGL
		UM20	MEK	20-sep-1990	LT	64.000	UGL
		UM20	MIBK	20-sep-1990	LT	30.000	UGL
		UM20	MNBK	20-sep-1990	LT	36.000	UGL
		UM20	STYR	20-sep-1990	LT	5.000	UGL
		UM20	T13DCP	20-sep-1990	LT	7.000 5.100	UGL
		UM20	TCLEA	20-sep-1990	LT	5.100	UGL
		. UM20 UM20	TCLEE TRCLE	20-sep-1990 20-sep-1990	LT LT	16.000 5.000	UGL UGL
				20-sep-1990 20-sep-1990	Li		
		UM20 UM20	UNK014 Xylen	20-sep-1990 20-sep-1990	LT	200.000 8.400	UGL
WELL	WES-11	SB01	HG	20-sep-1990	LT	0.243	UGL
		SD09	TL	20-sep-1990	LT	6.990	UGL
		SD20	PB	20-sep-1990	LT	1.260	UGL
		SD21	SE	20-sep-1990	LT	3.020	UGL
		SD22	AS	20-sep-1990	LT	2.540	UGL
		UM20	111TCE	20-sep-1990	LT	0.500	UGL
		UM20	112TCE	20-sep-1990	LT	1.200	UGL
		UM20	11DCE	20-sep-1990	LT	0.500	UGL
		UM20	11DCLE	20-sep-1990	LT	0.680	UGL

CHEMICAL REPORT
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		Method			Meas.		
Site Type	Site ID	Code	Test Name	Sample Date	Bool.	Value	Unit Meas.
WELL	WES-11	UM20	12DCE	20-sep-1990	LT	0.500	UGL
		UM20	12DCLE	20-sep-1990	LT	0.500	UGL
		UM20	12DCLP	20-sep-1990	LT	0.500	UGL
		UM20	2CLEVE	20-sep-1990	LT	0.710	UGL
		UM20	ACET	20-sep-1990	LT	13.000	UGL
		UM20	ACROLN	20-sep-1990	ND	100.000	UGL
		UM20	ACRYLO	20-sep-1990	ND	100.000	UGL
		UM20	BRDCLM	20-sep-1990	LT	0.590	UGL
		UM20	C13DCP	20-sep-1990	LT	0.580	UGL
		UM20	C2AVE	20-sep-1990	LT	8.300	UGL
		UM20	C2H3CL	20-sep-1990	LT	2.600	UGL
		UH20	C2H5CL	20-sep-1990	LT	1.900	UGL
		UM20	С6Н6	20-sep-1990	LT	0.500	UGL
		UM20	CCL3F	20-sep-1990	LT	1.400	UGL
		UM20	CCL4	20-sep-1990	LT	0.580	UGL
		UH20	CH2CL2	20-sep-1990	LT	2.300	UGL
		UM20	CH3BR	20-sep-1990	LT	5.800	UGL
		UM20	CH3CL	20-sep-1990	LT	3.200	UGL
		UM20	CHBR3	20-sep-1990	LT	2.600	UGL
		UM20	CHCL3	20-sep-1990	LT	0.500	UGL
		UM20	CL2BZ	20-sep-1990	· ND	10.000	UGL
		UM20	CLC6H5	20-sep-1990	LT	0.500	UGL
		UM20	CS2	20-sep-1990	LT	0.500	UGL
		UM20	DBRCLM	20-sep-1990	LT	0.670	UGL
		UM20	ETC6H5	20-sep-1990	LT	0.500	UGL
		UM20	MEC6H5	20-sep-1990	LT	0.500	UGL
		UM20	MEK	20-sep-1990	LT	6.400	UGL
		UM20	MIBK	20-sep-1990	LT	3.000	UGL
		UM20	MNBK	20-sep-1990	LT	3.600	UGL
		UM20	STYR	20-sep-1990	LT	0.500	UGL
		UM20	T13DCP	20-sep-1990	LT	0.700	UGL
		UM20	TCLEA	20-sep-1990	LT	0.510	UGL
		UH20	TCLEE	20-sep-1990	LT	1.600	UGL
		UM20	TRCLE	20-sep-1990	LT	0.500	UGL
		UM20	XYLEN	20-sep-1990	LT	0.840	UGL

^{**} End of Report - 484 Records Found **